App F IX 4

Previous References. 1948-49 C ML

File No 67-48

Serial Nos 16, 17

Later References.

GENERAL AND REVENUE SECRETARIAT

Serial Nos Two

P. 80

Part B for Feb'49

SUBJECT

Underground drainage Scheme for Harihar Town

To
The Pdt, T M C Harihar
No L 9638/D 18-2-49
Defers the proposal

To The Chief Engineer for Roads and Buildings
" D C, Chitaldrug
No L 9639-40/D 18-2-49

WD 010661—GPB—25,000—18-9-50

wil 80-43-3

Petition dated 9th January 1944, presented to the Minister for Public Works, Camp Maribar, by the citizens of Maribar (C.W. 9 of 3645)

We, the citizens of Maribar beg leave to represent our grievances for favour of kind consideration and esteemed orders thereon -

xx xx xx

We beg to invite your kind attention to the fact that the population of the town is multiplied four-fold on account of the Military and Industries The town is highly congested There is no drainage scheme nor are there proper roads It has led to the utter undermining of the health of the citizens Multifarious diseases are springing up We, in all humility, request you to see your way to speedy redress of this grievance

xxxxxxxxxx

" Extract

GEN & Pol SECT 4969 FEB 1944 L S G E, VCH

---

1) There are no papers relating to the subject in the office - A draft letter is submitted to the D-C Chitaldrug calling for information

2) For personal perusal please

Law Secy 14/2

3) Ans 15-2-44

3A) Draft to the D C Chitaldrug 15/2

Issue No L8677 of 18-2-44 calls for certain information -

Govt Mysore

Ans A 2/3

Drainage scheme —

Mr C NARASIMHA MOORTY M A
P t Sc tay

GEN & DEV SECT
5795
11 MAR 1944
Bangalore G BRANCH

12th March 1944

Interview

4) Extract from the Dewan's instructions during inspections at Davangere and Harihar on the 8th March 1944 -

" 7 Drainage scheme at Harihar.

The drainage scheme may be taken up immediately as the Municipality is agreeable to contribute half the cost

(Deputy Commissioner's Note - An estimate has been prepared for Rs 42 000/- and sent to the Sanitary Engineer for scrutiny It is proposed to spread this work over a period of five years)

Forwarded with compliments to the Law Secretary

By Order

C Narasimha Murthy
Private Secretary to Dewan

in 1890

5) Dft letter is submitted to the chief Engr calling for the proposals immediately
Mysa 14/3

6) 1) Issue advice
2) result
for perusal

15 MAR

Issue No 29572 & 16-3-44

7) Resubmitted as moved above
Mysa 17/3

8) Submitted for kind perusal
Minister (L S G & P H) for
17 3 44

9) Dft
22 3 44
Sd/-
23 3 44

OFFICE OF THE MINISTER
FOR L S G & P H
20/3/1944
Bangalore

837
L

Hawkhurst drainage

From The D c chatalong
No A 6 1338 /43 dt 2-8-44

states that the local authorities
have agreed to finance half the
cost of the scheme which is proposed
to be spread over a period of five years

10) The estimate is said to have
been referred to the Sanitary Engineer and
not yet returned A draft letter is put
up to the D P H requesting him to arrange
to send the estimate immediately A draft
the receipt of definite proposals, the
question will be looked up
Subject 11) Immediately for
8/8/44

Mrs 7/8

To,
The D P H
L 1447 dt 9/8/44
regarding certain instructions
in the matter
L 1448 dt 9/8/44 - Forwarding
a copy of The D c - chatalong

Draft
Mrs
11/8

Letter No c 20 & dt 14 9 44 for
The D P H furnishing a reply in the

12) The letter is subject for perusal the proposals are promised to be submitted by the end of 1st week of this month

mca 1/10

13) Please wait till the 10th instt often remind the Dept of W

by request

14) A & D O R is pending

mca 12/11

15) Received

1 Plan

2 4 6 & 5 of 13-11-46 Cx

Secy Asst 17/11

CT

16) Extract of report 4 made to the minister for R & L at Hanham during his time in the chairmanship of the Avon, 1946.

"To expedite the execution of the drainage scheme and the construction of water reservoir pending for a long time"

17) Subject with D O R as regards drainage action has been taken separately in regard to water supply

mca 3/5

18) Memorandum by

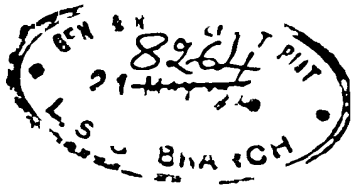
Secy Asst 14/5

Memorandum by

Harihar Drainage

DEWAN'S MINUTE

FILE NO 3805/1646 194



Camp Harihar 13th May 1946

20/ The Municipal Councillors of Harihar represented to me that underground drainage for the town is very necessary and that decision on their request for a grant and a loan for the scheme may be expedited I shall be glad to have a note on the subject with the connected file

P.111

DIG.M.I

Revenue Secretary
through
Minister for Agriculture with compliments

T 1119

17/5 dis 20/5

Mr Meecm - today/he
for 21/5/46

21) subts

the connected file has since been traced & subts

22) the following note is subt up for perusal.—

In view of the orders at flag A & before the chittal Mng Asstt

has been requested to submit definite proposals for the execution of the drainage scheme at Hanhar in consultation with the local Bd of finding out the ways & means for financing the same

23) In his letter of 2/8/64, the D C has reported that the Hanhar Town Bd have resolved to execute the drainage scheme which is estimated to cost Rs 42,000/- (to be spread over for a period of 5 years) and that the cost may be met by the Govt & by the Bd in equal proportions It was also reported that the Bd Lack sufficient funds to meet their share of the cost

24) The estimate for the work was then referred to the under the Secretary Engineer the chief Engineer for Roads & Buildings has been requested to expedite

Dewan's minute -- Hanchar Damage

of 264/L the submission of proposals and
this reply on the matter is awaited
25) subject with reference to
from a 20 supra
ltr a 28/5/46 (Rb) dtd has since been received
by the Chief Engineer Bureau of Railway
Engineering who prepared an estimate
for Rs 15,000 for this work &
has sent it to the Dy Chief
for sanction, as the work which
1945 this year is being effected
cannot Dolly to submit the same
immediately for sanction to Govt
27) to peruse with reference to para
20 supra (there is also a resolution
on the subject from ensuing R a)
Rly Bd Rly 28/5/46
28) Please put up a
Concise note typed note
referring flagged xxx

TYPING SECTION
5 JUNE 1946
CEN & REV SECTT

29) Appd do letter attd 3/6/ from
Dy Chief
30) A draft D O to Chief Engineer
ltr a 4/6 2 137 c. 21 [illegible]

8264/L Hamilton Drainage

From the Chief Engineer for R&Bs
No 10762 of 8-6-46
I enclose a report

32) This file was linked with the ~~budget~~ Budget Resolutions of the recent I.R.A. Session in view of the report now received from the Chief Engineer for Roads and Buildings, a note is perhaps as advised at para 28 supra

Mra
1/7/46

NOTE RE HARIHAR DRAINAGE SCHEME

General and Revenue Secretariat | File No. of 194 | [A p F III-2

Serial No

T

33) In January 1944, certain residents of Harihar Town petitioned to the then Minister for P W praying for the issue of necessary orders for the execution of certain improvement works at the place - such as drainage scheme and improvement of roads The Deputy Commissioner then was requested to intimate whether there were any proposals for the drainage scheme and if so, the stage at which the question was pending

R

34) During his inspection of the Harihar Town in March 1944, the Dewan was pleased to order that the drainage scheme might be taken up immediately, as the Municipality was agreeable to contribute half the cost. The above order was passed in view of the note submitted by the Deputy Commissioner, Chitaldrug Dist, to the effect that an estimate was prepared for Rs 42 000/- and the work was proposed to be spread over a period of five years

35) The Deputy Commissioner in reply to the report called for by this office, has in his letter dated the 2nd August 1944, intimated that the Harihar Town Municipal Council have resolved to finance half the cost of the scheme from out of the funds of the Municipality, the other half being met by the Government and that the estimate prepared in this behalf is still under the scrutiny of the Sanitary Engineer

36) Several reminders have been issued from this Office directing the submission of the proposals by the Sanitary Engineer It is now reported by the Chief

NOTE—Contn. Sheet

Harihar Drainage Scheme

File No | of 194 | General and Revenue Secretariat

Serial No

Chief Engineer for Roads and Buildings that an estimate for Rs 1,50 600/- prepared for the surface drainage work was sent to the Director of Public Health It is stated that he has expressed the opinion that it would be desirable to have an underground drainage scheme for Harihar Town and that, as an industrial suburb would develop near the Harihar Town, it is considered advantageous if an underground drainage system is adopted for the town proper The cost of this scheme is roughly estimated at Rs 3 00 000 The Chief Engineer will be requested to submit proposals early

OFFIC C THE P
FOR AGRICULTC
JUL 10 19
1 2 84

37) For orders - with reference to para 2 supra
Ma 1/7/46
Revised) 8/7/46

38) Ref: orders at para 20 above
Minister for Agn) Dewan) 8/7/46

OFFIC C T I T
FOR AGRICULTC
JUL 9 1946
No 266

39) The Secretary to Government considered it desirable to take up a scheme for underground drainage The C E may be asked to send such proposals in this behalf 10/7/46 10/7/46 9/7/46

DEWANS OFFI
9 JUL 1946
No 237

Hawkes Bay Drainage

8264 8264 5/1470

41) Dft letter pl
for
11/7/46

42) A draft letter for typg
ma 11/7/46

43) Answers received
for
12/7/46
& 12 70 & 27/7/46

TYPING SEC.
12 JUL 1946
CEN & REV SECTT

Sub P 30/7

from the chief engineer for Rtns
dtd 1869 & 19/8/46
& as a report

44) submitted Further report will be awaited

45) Pl wait Tele to 15th Sept
by 46 & then issue a do
reminder to the C-E for
RSB if no reply is rec'd by
for
28/8/46

46) The following are the orders of the Minister for Rev & Commn on the minutes
Slip of the Vice President of the Hawkes

1470/L

P 3330

46-47

Hamilton Drainage

Town mtg - who welcomed the Minister on 20/9/46.

"What about the drainage unfortunately proposals are" in the unsatisfactory state" stated to be pressing here"

4) Submitted a report as drawn from the chief Engineer for RtB A draft D.O. Re further - Ref from 39,40446 Rufus

4) Remarks noted as enclosed above

OFFICE OF T. P. MINISTER FOR PUBLIC WORKS
No 29 53
Date 29 10 46

9992/L ✓1470/L Hanchar Drainage

1 53 Draft minute sheet

16/4/46

sly Immediate

16/4/46

TYPING SECTION
18 NOV 1946
GEN & REV SECTT

L 7257 of 19-11-46

TYPING SECTION
27 JUNE 1947
GEN & REV SECTT

From
The chief Engr for P & B.
No 11003 dated 10 6 46

Forwards con enclosed report

57) The chief Engineers letter is for perusal
His advice of the submission of the Scheme
may be awaited

23/6/47 57) P/ put up a letter to
to ... to return the
estimate to the C-E for scrutiny
with his opinion very early. Send
copy to the C-E for information

57) A draft letter to the D P H is put up

58) Approve

24/6

To the D.P.H.
No L 17715 of 30 6 46
Calls for information

Rs A 1 ; 46

9992/L
46-47

83/L
47 48

Harihar drainage

From
The D P H - Bangalore
No C 153-1/47 48 Of Nil

States that the Sanitary Engr has taken the estimate for further Scrutiny and to return it on 20 6 47

—

59) The estimate should have been returned by now by the Sanitary Engr the D P H does not state when it would be possible for him to send it on the to the C E for derogation on the his opinion

60) Sale for perusal and order

Nil 4/7/47

61) P/ wait till the 20th July 47 then send the D P H, if no reply is need to remind him by then

4/7/47

TYPE - SECTION
24 JULY 947
SECTT

62) A draft Reminder to the D P H

Submitted
7 7 47

Put up
22/7

63) Issue the above letter

The D P H
Mysore
No L 1664 Dt 28 7 47
Requests to send the estimate & the C E for derogation

Sec A 6/8

83/ml U976/ml

Harihar Drainage Scheme

From

The E P SI- Bangalore

No C 153-10/47-48 D/d 8 ult

states that the Sanitary Engr has not sent the connected papers back to his office

64) The above is in reply to this office enquiry dated 28 ult as it is stated the papers are still with the Sanitary Engr for orders of a further Report may be awaited from the Chief Engr for R&B

he reminded about this?

The 18/8/47 JM

65) Yes please

for 18/8/47

66) D&F Letter to the C E for R&B &

put up

19/8 JM

67) Some advice

for 20/8/47

To

The Chief Engr for R & B

No L 3250 D/ 27 8 47

Regret to arrange for the early

Call for information on

Return of the estimate

for A 3 ult

TYPING SECTION
25 AUG 1947
P W & REV SECTT

Underground drainage scheme for Harbar town

HL 6015

Letter No 5574 dated the 26th March 1948 from the Chief Engineer for Roads and Buildings furnishing his report on the subject

68) The Chief Engineer, Roads and Buildings states that the Sanitary Engineer has ~~for~~ inspected the proposed underground drainage scheme for Harbar Town and has forwarded his report to the Director of Public Health for his opinion vide No 661 dated 11-9-47 A copy of this letter is enclosed for perusal

69) The Chief Engineer adds that on receipt of the opinion of the Director of Public Health, the question will be examined and a final report submitted in the matter

70) Further report from the Chief Engineer will be awaited

C C O
THE MINISTER FOR LOCAL SELF GOVERNMENT
No 2173
Date 6 5

HOP 12/4/48

91) For perusal
Per Secretary
Minister
2-5-48

Per 12.4.48
Sec
15/4/48

3677/ml

Subj underground drainage scheme to Harihar Town

From

The president, Harihar Town ml cl Lr 30/48-leg dated 5-11-48 requests sanction to the estimate for the above scheme

1) The president, Harihar Town ml cl states that the existing drainage system is not suitable and to reduce the incidence of Malaria, underground drainage system is quite necessary and urgent He invites reference to the letter of the D.P.H who stated that the underground drainage scheme to Harihar Town may be over till an independent water supply scheme is worked out

2) It is stated by the president the present system of supply of water to the Town is quite sufficient for drinking and for the underground drainage system

3) The Sanitary Engineer has stated that the estimated cost of the

underground drainage Scheme
for Hanamkonda Town

3677/prof

above Scheme would be Rs 5.75 Lakhs
The Hanamkonda Town Council have
resolved on 30-10-48 that the Govt ✗ Flag M
may be requested to sanction 3/4 of
the cost, which might be met out of the T.D. Grants
and the rest i.e. '1/4' as loan, repayable
in 10 years instalments

4) The president requests
Sanction to the above Scheme

5) The plans and estimates
are not received for the above work
If approved, a letter to the president
will be put up calling for the plans and
estimates and will be asked to be
sent through the Collector

6) Submitted for orders

Ans 7) The point will arise whether the
27/11 PWD can supply water for the
underground drainage system also at
the same Concessional rate as they are
charging for drinking and other purposes
in view of the poor finances of the
Municipality, and has to be examined
in the first instance

Pro
29/11/48

underground drainage Scheme for Haniha Town

8) Pl note the financial condition of this MLF for 48-49.

3677
3677/M1

9) What are the Concessions shown to this Town MLF in regard to the supply of water from the Military installation? from 30/11/48

10) The financial condition of the Hanihar Town MLF for the year 48-49 is as follows -

Opening Balance	Rs	12,899/-
Receipts	Rs	82,785/-
Total	Rs	95,684/-
Expenditure	Rs	74,070/-
Closing Balance	Rs	21,614/-

11) The Hanihar Town is being supplied with water at a stipulated price of Rs -0-5-0 per every thousand gallons of water supplied from the Military water works - Hanihar

12) The letter issued from this Office (MW L 4970 dated 9-11-48)

Flag N

Underground drainage scheme for Harihar Town

---

is also put up for reference

13) Submitted with reference to para 8 supra 3677/mf

Asst 8/12

Sus clerk

14) Is there any file on the subject of the underground drainage scheme to Harihar in the records shelf? Pl verify & put up

8/12/48

Submitted the sus file is put up 8/12/48

15) 16) Pl work up further, with the papers available in the sus file

8/12/48

17) Kind reference is invited to paras 68, 69 and 70 of the note in the linked file If approved, the C E for R and B will be reminded to expedite the submission of his report in the matter

18) Submitted for orders

Asst 11/12

19) Pl put up draft letter & submit above this should have been done in the first instance itself. Mr. Rao may also kindly see

Underground drainage scheme
for Haritha town

6015
4/7

20) Draft letter to the C E for R&B
is put up for approval.

3677/M1
4/8

Ans
18/12

21) Approved
Sd
18/12/48

To
The C E for R&B.
L Dy HI No 20 12-48
Reminds

Sr. A
23 12 48

From,
The C.E for R and B
No 1104/S A/12/15-1-49
Forwards a copy of letter No C138/48-
dated 12-1-48 addressed to the Sanitary
Engineer I/by the D P H

22) The D P H is of opinion that the water supply scheme may be improved first before the underground drainage question is taken up. Even after a satisfactory system of water supply is arranged the satisfactory disposal of the sewage will present problems due to local conditions, and may make the provision of an underground drainage system too costly a business, as will be seen from the Director's report

21/1/49

Re 22 I dy

S 89/L Proposed underground drainage scheme for Hexham Town Hall

29/1 It is seen from the letter of the Director of Public Health to the Sanitary Engineer that the provision of an underground system of drainage at Hexham as a early measure does not form part of the scheme to finance any part of the scheme. We propose may therefore wait for the dawn of better times and also the rehabilitation of ~~it~~ our frontiers.

2 a/tc

26/1/49 finances

25/1

Secretary 24/1/49

may be offered by the Minister that municipal Corporation & Harbour Boards can undertake suitable & efficient

26/1/49

Minister of Fuel & Power 27/1/49

29/1/49

4/2/49

D/F Letter

Stamp

OFFICE OF
LOCAL GOVERNMENT
3671
28/1/49

Underground drainage Scheme for Harihar

App F I 2

General and Revenue Secretariat

File No 5189/ml of 194

Serial No

A draft letter is put up.

Ar
12/2/49 Dy 12-2-49

Dy
14/2/49

To,

The Pdt, Town MC Council, Harihar

No L 9638/18-2-49

Defers the proposal for the present

B
19/2/49

Note — Contn Sheet

File No | of 194 | General and Pevenue Secretariat

Serial No

WD 07503—GIB—30 000—11 o 18

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

No L4970

General and Revenue Secretariat

Dated Bangalore 9-11- 1948

FROM

The Secretary to the Government of
His Highness the Maharaja of Mysore

Revenue Department.

To

The Deputy Commissioner,
Chitaldrug District

SIR

SUBJECT: Water Supply to Harihar Town from the Military Water Works at Harihar

With reference to the correspondence ending with your letter No A6 P R 509 C 2836/47-48 dated 16th August 1948 on the above subject I am directed to state that the Government are pleased to approve of your recommendation to continue the existing arrangement of the water works at Harihar being managed by the Government (Bureau of Sanitary Engineering) and water being supplied to the Harihar Town Municipality at the stipulated price of Rs 0-5-0 per every thousand gallons of water supplied, as the Harihar Town Municipal Council ~~is~~ is not in a position to maintain the water works itself with ~~its~~ its slender resources

Yours faithfully,

for Secretary to Government,
Revenue Department

Appendix F G —1]

SUBJECT

Section nil
File No 80-43
Serial No 4

Diary No of letter replied to

No ~~the~~ L8677

To

General and Revenue Secretariat

( )

the *194*

ate of issue 1942

Signed by

The D-C Chittagong

Sir,

I am directed to invite reference to the

In inviting reference to the marginally noted extract from the representation of the residents of the Cantonment Town addressed to the Minister for P.W. during his visit to the Town on 9th Jan 1944, ~~I am to~~ on the drainage scheme etc in the locality, I am directed to request you to furnish

List of enclosures

Copied by

Examined by

WD 04161—GPB—60 000—24 10 41

as to whether there are any proposals for the execution of the drainage scheme in Hanchar Town and if so, the stage at which the matter stands at present may kindly be intimated together with your remarks thereon, immediately.

I have etc

for Secretary Rao

Appendix F G —1]

SUBJECT

Section ML

File No

Serial No

Diary No of letter replied to

General and Revenue Secretariat

( )

the *194*

* Date of issue 16/3/44

Signed by for G.R.R.

* Typed

please type A reference to the P W D

List of enclosures

Codied by

Examined by

No L9572 & 16/3/44

To

The D C Chittagong Dist

Sir,

In inviting reference to the marginally noted* instructions of the Darwan on the drainage scheme at Hanhan during his inspection on the 8th March 1944 at the place and your note thereto, I am directed to request you to obtain and send us the proposals in this behalf to govt. for work immediately with the receipt of the local people, jointly with the ways & means of finance thereto.

for Secy, Law

P T O.

WD 4161—GPB—60 000—24 10 41

Memo no 2 9573 & 16/3/44

Copy of the above is forwarded with the implements to the D P H for information of the Sanitary Engineer may be asked to check the plans & estimates very early

B O

for Secy, Law Dept

Tel Addre —Dep m
CHITALDRUG

In reply please refer to
No A6, 1338/43-44

Enclosures One Copy of letter
~~One copy of resolution~~

8371/2

OFFICE OF THE DEPUTY COMMISSIONER
CHITALDRUG DISTRICT

Dated Chitaldrug 2nd August, 1944

FROM

A C. Nirvani Gowda, Esq , B A ,
Deputy Commissioner
Chitaldrug District
CHITALDRUG

To

C Narayanaswami Naidu, Esq , B A ,
Legal Remembrancer & Secretary to Government,
Law Department, BANGALORE

Sir,

Subject - Drainage Scheme at Harihar

Adverting to your letter No L 9572, dated the 16th March, 1944 requesting me to send up proposals in consultation with the Municipal Council pointing out the ways and means of financing the drainage scheme at Harihar, I have the honour to state that the President of Harihar Town Municipal Council reports that the question of financing the scheme was discussed by the Municipal Council at its meeting held on the 30th June, 1944, when it was resolved that the scheme may be spread over a period of five years and that half the cost of the scheme may be met out of the funds at the credit of the Municipality each year and that Government may be requested to sanction the other half of the estimated cost as a grant from Government The President further reports that the Municipal Council has sufficient funds at its credit in the Treasury besides an investment of Rs 37,150/- in the Mysore Government Savings Bank The financial condition of the Municipality is therefore sound and half the estimated cost can be paid by the Municipality in five annual instalments

P T O

instalments

The estimate sent to the Sanitary Engineer for favour of scrutiny has not yet been received In view of the urgency of the matter, I have requested him to forward the same direct to Government

In forwarding herewith a copy of the President's report with a copy of the resolution of the Municipal Council, I request that Government may be pleased to accord early sanction to the estimate and to issue instructions to take up the work on hand immediately

I have the honour to be,
Sir,
Your most obedient servant,

Deputy Commissioner,
Chitaldrug District

SPH 3

Letter No H C 37/41-42, dated 16th July, 1944, from the President, Harihar Town Municipal Council, Harihar, to the Deputy Commissioner, Chitaldurg District, Chitaldrug

---

Subject:- Drainage - Scheme to Harihar Town

With reference to your Memo No A6 C 1338 P R 125/43-44, dated 30-8-44 directing to submit proposals with the resolution of the Municipal Council putting out the ways and means for financing the above scheme, I beg to state that the subject was placed before the Municipal Council at its meeting held on 30-6-1944 when it was resolved that half the cost of the scheme be met out of the closing balances of the Municipal Funds every year for a period of five years as the Municipality has now acquired sufficient funds and the rest of the cost be met by grant from Government as already resolved in the meetings held on 31-10-1941 and 15-1-1944 The budgeted normal income of the Municipality for the current year is Rs 30,235/- as against an expenditure of Rs 25,508/-, thus leaving a surplus of Rs 5,327/- for the year The Municipality has at its credit at the end of June, 1944 a working balance of Rs 12,897-5-10 Besides this has an investment on this date a sum of Rs 37,150-8-6 in the Government Savings Bank Account which represents the surplus funds not required for normal payments The Municipality has no other extraordinary commitments except the payment of their share towards the cost of construction of the combined dispensary and the initial and recurring charges for opening the Dispensary for which due provision is made in the budget The estimated cost of the scheme is Rs 42000 The Municipal quota will be Rs 21,000/- and if the scheme is spread over for a period of 5 years, the Municipality is quite capable of setting apart a sum of Rs 4,200/- towards its share of cost for the scheme every year or even more if the estimated cost is to increase after scrutiny

Due provision will be made every year in the budgets of the Municipality till the scheme is completed

P T O

If the scheme is ordered to be taken up on hand from the curren year alone the Municipal Share of cost will be paid out of Rs 6,000/- provided in the budget under "D, Original works", the construction of slaughter house and mutton stall being deferred for the next year as their construction is not of paramount importance compared with the drainage scheme

I beg to request you therefore to kindly move Government to accord their administrative sanction for the scheme and to kindly ord for taking up the work on hand immediately and to kindly sanction a grant of half the estimated amount of the scheme, the remaining half being met by Municipal Funds as agreed to

---

" COPY "

Deputy Commissioner,
Chitaldrug District

SPH

Proceedings of the General Meeting of the Harihar Town Municipal Council held on 30th June, 1944

President - H L Nagegowda, Esquire, B Sc , LL B , Amildar

x x x x x

Subject No 8 -

[illegible]

Resolution - Resolved that half the cost of the scheme be met out of the closing balances of the Municipal Funds every year for a period of five years as the Municipality has now acquired sufficient funds and the rest of the cost be met by grant from the Government as already resolved in the Meetings held on 31-10-1941 and 15-1-1944

x x x x x

Sd/- H L Nage Gowda,
Amildar-President

" COPY "

Deputy Commissioner,
Chitaldrug District

SPH

Appendix F G —1]

SUBJECT

Diary No of letter replied to

General and Revenue Secretariat

( )

the *194*

Date of issue 9/8/44

Signed by Dy GRR

List of enclosures

Copied by

Examined by

Section

File No

Serial No

No L/1446 & 9/8

To

The D P H

Sir, I am directed to invite ~~attn~~ reference to this office memo No L 9573 & 16/3/44 forwarding a copy of letter No 9 57L of 16/3/44 re The Dewans instructions on the drainage scheme at Hanhan, and ~~directed~~ to state that it has since been reported by the D C Chittagong that the estimates for the work which were

(1)

Sent to the Sanitary Engineer for
scrutiny has not yet been returned
~~to the D.C Health Officer as above~~
I am
~~as above~~ requested ~~and~~ to request
to the D.C authority
him to arrange to return the said
estimates and plans ~~for the above said~~
~~work~~ immediately ~~as above~~ and submit a
report of action taken ~~in this behalf~~

Thanks etc

for
Secy Law

Memo dtd 7/8/15 w/c
copy of the above is forwarded to the
D.C authority for information He
is requested to send, after the receipt
of the estimate and plans from the Sanitary
Engineer, the connected records together
with a copy of the resolution of the
Hardware Trade which passed on
~~this subject~~ on the subject, with the
estimate duly countersigned by the President of
the Board

Bd.

for
Secy Law

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No L 11447 *Dated Bangalore* 9th August 1944.

FROM

The Secretary to the Government of His Highness
the Maharaja of Mysore
Law Department

To

The Director of Public Health in Mysore,
Bangalore

Sir,

I am directed to invite reference to this office memo No L 9573 dated the 16th March 1944 forwarding a copy/letter No 9572 dated the 10th March 1944, regarding the Dewan's instructions on the drainage scheme at Hariyar and to state that it has since been reported by the Deputy Commissioner, Chitaldrug District that the estimates for the work which were sent to the Sanitary Engineer for scrutiny have not yet been returned. I am to request you to arrange to return to the Deputy Commissioner, Chitaldrug, the said estimates and plans immediately.

I have the honour to be,
Sir,
Your most obedient servant,

Secretary to Government,
Law Department

HSSV/3

THE DIRECTOR OF PUBLIC HEALTH
IN MYSORE
BANGALORE

14-9-1944

To

The Secretary to Government,
Law Department, Bangalore

Sir,

Sub Sanction of drainage scheme of Harihar Town

With reference to your letter No L 1446 dated 9 8 1944 requesting to arrange to return to the Deputy Commissioner, Chitaldrug, the estimate relating to the Drainage Scheme at Harihar, I have the honour to enclose herewith for the information of Government a copy letter No 262 dated 5/7-9-44 of the Sanitary Engineer stating that the scheme is under scrutiny and some of the details require spot inspection and that the scheme would be submitted about the first week of October 1944

I have the honour to be,
Sir,
Your most obedient servant,

Director of Public Health

Copy of [illegible] dated 7th September 1944 from the Executive Engineer, Bangalore, to the Director of Public Health, Bangalore

Re:- Estimate for drainage Scheme of Harihar town

With reference to your Memo No C 3-4 dated 21 8 44 and previous references on the above subject and No 20-46 dated 31 8 44, I have the honour to state that the scheme is under scrutiny and some of the details require a spot inspection The project is expected to be ready for submission within the course of the month and will be submitted about the first week of October 1944

"Copy"

Director of Public Health

D O Nº 24685-

Dear Sir,

Dt 13-11-1944

I am desired to request you to expedite the submission of the proposals for the drainage scheme at Hanchar, as promised in your letter No. E 20-8 dt 14-9-44

Yours faithfully,

To,

The D P H. (Cyprus)

To L-10990 5/5/45-
The C E for R & B

Sir,

I am directed to invite reference ~~to forwarding herewith a copy~~ to letter no e-20-8 dt 14-5-44 of the D P H in the drainage scheme at Hanhar — a copy of which is enclosed herewith for ready reference — and to request you to arrange to ~~send~~ forward the report promised thereon within a week

To select a copy from

There has been a delay of over a month in the case of this family. The Engineer in this important case, which is very interesting, I have elsewhere

Yours

Jeremy Law

Office of the Chief Engineer for
Roads and Buildings in Mysore,
Bangalore, Dated, the 8/6 June 1946

To

The Secretary to Government,
Revenue Department,
Bangalore

Re - Drainage scheme of Harihar Town

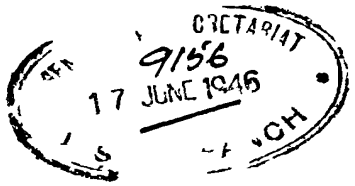
Sir,

With reference to your D O letter No L 13752 dated the 6th June 1946, regarding the above subject, I have the honour to state that an estimate amounting to Rs 1,50,600/- for the surface drainage of Harihar town prepared by the Sanitary Engineer, was forwarded to the Director of Public Health for his opinion The Director of Public Health has opinied that it would be desirable to have an underground drainage scheme for the town As an industrial suburb will develop near Harihar town, which will have to be provided with underground drainage system, it is considered advantageous if an underground drainage system is adopted for the town proper also The Sanitary Engineer has been requested to expedite the submission of the detailed estimates for the underground drainage scheme for Harihar town The cost of the underground drainage scheme is roughly estimated at Rs 3,00,000/- The Municipality will have to bear about ⅓ of the cost In case the estimate is sanctioned, the cost of work to be done during 1946-47, can be met out of this quota As such there seems to be no need to provide the grant asked for in the budget for 1946-47

I have the honour to be,
Sir,
Your most obedient servant,

Chief Engineer for Roads
and Buildings

NG 8/6



NO C 22-13/D/44-45

Office of the Director of Public Health
in Mysore,
Bangalore, dated 12th June, 1946

To

The Secretary to Government,
Revenue Department,
Bangalore

Sir,

With reference to your letter No L 13753 dated 6th June, 1946 requesting to submit the proposals relating to Harihar Drainage work if pending in this office, I have the honour to state that the scheme relating to the above work was sent to the Chief Engineer for Roads and Buildings with this office letter No C 22-9 ~~46~~ 45-45 dated 29th April/ 3rd May, 1946, with this office opinion

I have the honour to be,
Sir,
Your most obedient servant,

Director of Public Health

To, Regret L1270 dt 2-7-46
The chief Engineer for R+B

Sir, Subject: Madras Drainage Scheme

In inviting reference to
your letter no 10762 dt 8-6-46
~~re~~ on the ~~above subject~~ ~~proposed~~
~~drainage scheme at Madras~~
~~at an estimated cost~~
~~Rs 3,19,000/-~~, I am directed
to state that
I am to request you to expedite
in getting with the submission
urgently, it's of the proposals together with
very desirable plans & estimate for this
to take up a
Sewerage/drainage work, as the question has
drainage factors been pending disposal for the
Town I am
necessary to last two years and in view of
request you to
submit details the repeated
extensions
with plans both

representations of ~~both~~ the
public and the local bodies
urging for the execution of the
Scheme immediately by the
Act and aut of the Legislature

I have the
honour
to
be
Sir
Your most obedient
humble servant
A Rowsell

We give the Corporation of
Cork the honour and the
have been repeated
representations on the subject
from the people of this
Province & the necessity for the Scheme being
immediately brought
the R a effect
The matter may be treated as very important

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No L 1270 *Dated Bangalore* 27th July *194* 6

FROM

The Secretary to the Government of His Highness
the Maharaja of Mysore
Revenue Department.

To

The Chief Engineer for Roads and Buildings,
Bangalore

Sir,

Harihar Drainage Scheme.

In inviting reference to your letter No 10762 dated 8th June 1946 on the above subject, I am directed to state that as the town is getting rather congested, it is very desirable to take up a scheme of underground drainage for this town. I am accordingly to request you to submit detailed estimates with plans for this work very early.

The question has been pending for over two years and there have been repeated representations on the subject from the local people and the necessity for the scheme being worked urgently has been voiced on the floor of the R.A also. In view of the facts the matter may be treated as very urgent.

I have the honour to be,
Sir,
Your mos obedient servant,

Secretary to Government,
Revenue Department.

Office of the Chief Engineer for Roads
and Buildings in Mysore

No 1869 Dated Bangalore, the 19 August 46

To

The Secretary to Government
Revenue Department Bangalore

Sir

Underground drainage scheme of Harihar Town

With reference to your letter No L 1270 dated 27th July 1946 on the above subject I have the honour to enclose herewith for your information a copy of letter received from the Sanitary Engineer stating that the project will be submitted to this office by the end of this month at the latest

2 The detailed estimates and plans will be submitted to Government as soon as they are received in this office

I have the honour to be
Sir
Your most obedient servant

Chief Engineer for Roads & Bldgs

BEN & REV SECRETARIAT 1470 22 AUG 1946 L S BRANCH

Letter No D O 109 dated 9th August 1946 from the Sanitary Engineer Bangalore to the Chief Engineer for Roads and Buildings

---

Scheme for Harihar underground drainage

I am in receipt of your kind D O No 101/1 dated 1st August 1946 regarding the above The scheme is referred to the Assistant Engineer in 4 Sanitary Sub Division Chitaldrug for preparation I have also reminded him by a special D O to expedite the submission of the scheme and I have further deputed one of the surveyors of the Division office to render assistance to get up the project ready by the 20th of this month in my office and will be submitting the same to you by the end of this month at the latest

---

COPY

Chief Engineer for Roads & Bdgs

L 28 & 4/1/16 Immediate

I am directed to write

reference to your letter No 1869
& 19/8/46 re proposed drainage Scheme
at Hamkar and to request
you to submit the proposals
as promised therein without
any further delay. It was
promised to be sent by the end
August 46 & the month of September
already over

Yours
Sd/-
for
2/10/46

To, The Chief Engineer for R & B
Ahmedabad

No L 7257 & 1911-46

To the Chief Engr for Rds & Bridges

Sir

I am directed to invite
reference to your letter No 1869 & 1911 46
& this office letter No Camp 2884 1046
re the underground drainage scheme
at Hopikor & to request you
to submit proposals in the matter
very early, as the period when it
may be proceeded with is long
since over

I have the
honour
to be
Sir
Your obedient
servant

Draft

To,-

The Chief Engineer for Irrigation

Sir,

I am directed to request you to intimate immediately if any proposals is pending in your office regards to the transfer of the water works at Haukan to the control of the Local municipal council and if so, when proposals in this behalf may be expected to be received here

I have etc

J Lewtas

No 11003

Office of the Chief Engineer for
Roads and Buildings in Mysore,
Bangalore, Dated 20 June 1947

To

The Secretary to Government,
Revenue Department,
Bangalore

CH & PEV SECTT TARIAT
9992
17 JUN 1947

Re - Underground drainage scheme at Haribar town.

Sir

Adverting to your letter No L 7257 dated 19th November 1946 on the above subject, I have the honour to state that the estimate prepared by the Sanitary Engineer for the above work has been forwarded to the Director of Public Health in Mysore Bangalore for furnishing his opinion regarding the disposal arrangements and the same is not yet returned with his opinion The Director of Public Health is reminded this day to expedite the return of the scheme with his opinion The scheme will be forwarded to Government for sanction as soon as it is received in this office

I have the honour to be,
Sir
Your most obedient servant,

Chief Engineer for Roads
and Buildings

14/6
NG

No L 17715
d 30/6/47

To
The D P H on Mysore Bhavan

—

Subject underground drainage for Mandhan town

Sir,

I am directed to forward herewith a Copy of letter no 11003 dated 10 6 47 received from the C E for R & A on the above subject and to request that the estimate referred to therein may be returned early to the Chief Engr for Irrigation with your opinion as the matter is very urgent

Please Cyclo Copy

Placed below

I have &c

(P T O)

20/8 for Rly Secy to Govt

Memo

Copy to the Chief Engr. for
information for favorable
B

Ex Res Secy
26/6

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

No L 17115 Dated Bangalore 30/6/ 1947

FROM

The Secretary to the Government of His Highness the Maharaja of Mysore

Revenue Department

To

The Director of Public Health in Mysore,
Bangalore

UNDERGROUND DRAINAGE FOR HARIHAR TOWN.

Sir,

I am directed to forward herewith a copy of letter No 11003 dated the 10th June 1947 received from the Chief Engineer for Roads and Building in Mysore on the above subject and to request that the estimate referred to therein may be returned early to the Chief Engineer for Irrigation with your opinion therein as the matter is very urgent

I have the honor to be,
Sir,
Your most obedient servant,

for Secretary to Government,
Revenue Department

(Enclosure to above)

" Adverting to your letter No L 7257 dated 19th November 1946 on the above subject, I have the honor to state that the estimate prepared by the Sanitary Engineer for the above work has been forwarded to the Director of Public Health in Mysore, Bangalore for furnishing his opinion regarding the disposal of arrangements and the same is not yet returned with his opinion The Director of Public Health is reminded this day to expedite the return of the scheme with his opinion The scheme will be forwarded to Government for sanction as soon as it is received in this office "

" Copy "

F No 46] **GOVERNMENT OF MYSORE**

No C 153 1/47-8 OFFICE OF ~~THE DIRECTOR OF PUBLIC HEALTH~~
Encls IN MYSORE,

Date — — — BANGALORE.

To

The Secretary to Government,
Revenue Department, Bangalore

Sir

UNDERGROUND DRAINAGE FOR HARIHAR TOWN

With reference to your letter No L 17715 dated 30th June 1947, I have the honour to inform that after personal discussion the Sanitary Engineer has taken back the papers in connection with Harihar town for further scrutiny and return to this office for opinion on the 30th June 1947

83

I have the honour to be,
Sir,
Your most obedient servant,

DIRECTOR OF PUBLIC HEALTH

REVENUE SECRETARY
No
D e 2/7
MYSORE

Immediate No L

L 1664

~~26~~/7/47

To
The Chief Engineer
Bangalore

Subject underground drainage for Harihar town

Sir

With Reference to your letter No E 153-1/47-48 dated nil on the above subject, I am directed to enquire whether the papers have been returned to you by the Sanitary Engineer with necessary Secretary's remarks for the above scheme estimate may be arranged to be returned to the Chief Engr early with your opinion thereon, as the local people have been urging for the immediate progress of drainage scheme in the town

As desired

No C 153-10/42-8

From Office of the Director of Public Health in Mysore, Bangalore, dated 8th August 1947

83/1

8, 6/8

GEN & REV SECTT 976 14 AUG 1947

To

The Secret ry to Government,
Revenue Department, ang[illegible]

Sir,

Subject - Underground drain ge for Harihar town

---

ith reference to our letter No L 1664 dated 28-7-1947 enquiring if the papers relating to underground drainage for Harihar town have been returned to me by the Sanitary Engineer, I have the honour to state that the S nit ry Engineer has not sent the papers back to this office

I have the honour to be,

Sir,

Your most obedient servant,

Director of Public Health

[illegible] SECTT

12/X

blvs

Appendix F G —1]

SUBJFCT

Diary No of letter replied to 976/2nd

General and Revenue Secretariat

( )

the 194

Date of issue

Signed by

List of enclosures

Copied by

Examined by

Section

File No

Serial No

No L.3250

To The Chief Engr for R & B

Subject - Underground drainage Scheme for Stanley Town

Sir

With Reference to the Correspondence ending with your letter No 11003 dt 10 6 47 on the above subject I am directed to state that it has been Reported by the Dy Sd Mark the estimate and the ~~Connected~~ papers Connected thereon which were taken back by the Secretary

Engineers for further Survey
Railway
area have not been returned
So far As the matter of
urgent and the Local people
have been urging for the
immediate provision of drainage
on the Town, I request you
to [instruct] the Secretary
immediately
Engr to [send back] the papers
to the D P H to facilitate early
action Steps taken on the matter as extremely urgent
the matter might kindly treated as
I have the
honour
to be Rev Sir
Yr Obt Servt
Research 3251 Dy 19/8/47
27/8/47
Copy sent to Med D P H for
favour of action w/r to her letter
C 153-10/47-68 dy 8.8.47
By order
for Secy to Govt
Rev Dept
Dy
19/8

Office of the Chief Engineer,
Roads and Buildings
Bangalore

6015/me

No S 574/Tct

GENERAL & REVENUE SECRETARIAT
6015
9 APR 1948
MUNICIPAL BRANCH

To

The Secretary to Government,
Revenue Department, Bangalore

Re - the Harihar drainage Scheme

Sir,

With reference to your reminder No L 13869 dated 24th February 1948, regarding the above, I have the honour to inform you that the Sanitary Engineer has inspected the proposed underground drainage scheme for Harihar town and has forwarded his report to the Director of Public Health in his letter No 661 dated 11th September 1947, (copy herein enclosed) for furnishing his opinion in the matter On receipt of his opinion, the question will be persued further by the Sanitary Engineer and a final report will be forwarded to you very early

I have the honour to be,
Sir,
Your most obedient servant,

Chief Engineer for Roads
and Buildings

MCT /23rd

Inh — 63 — 48 —>

OFFICE OF THE PRESIDENT

Copy of letter No 661/2 dated 11th September 1947, from the Sanitary Engineer, Bureau of Sanitary Engineering, Bangaore, to the Director of Public Health, Bangalore

---

Sub - UNDERGROUND DRAINAGE SCHEME TO HARIHAR TOWN

With reference to my personal discussion with you on the above subject, regarding the disposal of Harihar Town Sewage from the outfalls and the feasibility of land treatment without pumping, I have the honour to state that I inspected Harihar Town in detail on 26-7-47

Harihar Town is situated on the bank of Tungabadra River and is divided into two parts by a main ridge line running from East to West thus necessitating a separate out fall for each portion of the town The general contour of the town is falling towards the river

The Septic Tank at the end of the out fall to the south of the town is located at a distance of about 300 feet from the Town This position of the septic tank has become obligatory, as the town has exten ed up to the bank of the river This can however, be obviated by lea ing the sewage to the other bank of the river But, even at the bank, the sewage cannot be applied on land for treatment without resorting to pumping as the land on the other bank is also sloping towards the river The cheapest and simplest method of disposal would therefore be to lead the sewage into the river But this cannot be done without prejudice the health of the public especially because, the water supply intal (both of Davanagere water works and Harihar Military Water works) is below the outfall The only other course left open is to pump the sewag to the nearest available land for treatment This involves a heavy initial and recurring expenditure as detailed later

The other septic tank at the Northern outfall is located far away from the town end is also far below and away from the water supply intake of Davanagere and Harihar Water Works I have ascertained that

P T O

there are no villag s lower down on the bank of the river for a distance of about 10 miles from the outfall Hence, there is no chance of the river water being used in this distance I feel therefore, that the sewage from this outfall may be let into the river after septic tank treatment and chlorination This is suggested in view of the heavy cost involved in pumping Even at this end the feasibility of land treatment was investigated The nearest available land is about 3,000 fe t from the septic tank and pumping will have to be resorted to Taking the sewage to the opposite bank also does not solve the problem as the land slopes towards the river itself

If pumping the sewage is decided upon, the capital cost would be 1 75 lakhs as already intimated and the recurring charges for maintaing the installations will be Rs 15,000/- per annum as per enclose details Thus the total cost of the underground drainage scheme to Harihar Town will be 5 75 lakhs with an annual recurring expenditure of Rs 15,000/-

I am however, of the opinion, that an underground drainage scheme to Harigar Town at such a heavy cost need not be taken up in the immediate future for the following reasons -

1) The first and the foremost pre-requisite of an efficient underground drainage scheme is profuse water supply Harihar Town which has a population of about 15,000 does not have an independent water supply installation The town is buying water from Devangere water works to the extent of about 60,000/ gallons per day which works out to a out 4 gallons per capital per day This supply will have to be increased to at least 15 to 20 gallons per capita per day before an unerground drainage scheme can be thought of Hence an independent water supply scheme to the Town has to be ~~xxxxxxxxxx~~ immediately thought of.

(Continued)

OFFICE OF THE PRESIDENT

(2) If an underground drainage scheme is worked out, full advantage the scheme should be taken by connecting every house to the underground drainage system In the case of Harihar Town, this cannot be done as the town is very ill-laid out In most of the localities, the houses are in a block, back to back and shoulder to shoulder Secondly, the Majority of the houses are built of mud walls with thatched or country tiled roofing and do not have latrines It is therefore, very unlikely these houses take advantage of the underground drainage scheme

(3) Although, the question of cost does not come in when the health of the public is taken into consideration, the financial position of the Municipality has to be considered while taking this costly scheme The Harihar Municipality could not finance a surface drainage scheme at a cost of Rs 22,700/- and they seem to owe nearly Rs 15,000/- to the Davangere Municipality for water supplies to them by the latter The Municipality has to find resources for taking up the water supply scheme which is most important

(4) Lastly, even if the underground drainage scheme is worked out, the Municipality will find it practically impossible to maintain two independent pumping installations for pumping the sewage for land treatment

Under these circumstances, I once again recommend that the under-ground drainage scheme to Harihar Town may lie over, until atleast the layout of the town is improved and an independent water supply scheme worked out with a per capita distribution of atleast 15 to 20 gallons per head

On receipt of your considered opinion in this connection, I will forward the scheme sent back by you duly incorporating the pumping arrangements also if necessary

R C Sampath Ayyangar
29/12/48

For Chief Engineer for Roads and Buildings

No Ele 30-/ Jnh-103-48-> OFFICE OF THE PRESIDENT.

MAINTENANCE CHARGES FOR EACH INSTALLATION.

ESTABLISHMENT

One Operator	Rs 60-5-90	15 D A	900
One Asst Operator	" 24-4/2-40	15 D A	540
Two helpers	20-5-25	12 D A	768
One watchman	12	12 D A	288
			2,496
Leave & acting allowances at 20%			498
	Total of Establishment		2,994

RUNNING CHARGES $\frac{(20 \text{ H P} \times 75 \times 12 \times 30 \times 6 \text{ Hrs})}{16}$

Power 210 per month for 12 months	2,520
Sundry materials like water, grease, spare to machine etc	1,086
12½% Tools & Plant charges	815
Rs	7,315

FOR TWO INSTALLATIONS RS 14,630/- or Rs 15,000

"C o p y"

Rajampathanayagam 29/8/48

For chief Engineer for roads and Buildings

BH/27th

No Alo 30- Mah—103—48—>

UNDERGROUND DRAINAGE SCHEME TO HARIHAR TOWN.

Cost of pumping sewage from the outfalls to the lands

1,	Pump pit of 50,000 gallons capacity	15,000
2	Length of rising main 3000 R ft Use 8" C I main - at Rs 8/-R Ft	24,000
3	Two 20 H P Pumping units each capable of discharging 200 gallons per minute against a total head of 100 feet from all causes (12 hours pumping)	20,000
4	Pump house 25 x 18 for installing pumping sets	5,000
5	Small balancing tank of 10,000 gallons capacity distribution of sewage effluent	5,500
6	Distribution pipes- 6" S W pits 2000 R Ft	6,000
7	Acquisition of land 30 acres at Rs 200 per acre (Alternate days 15 acres to be fed)	6,000
		81,500
	Electrical connections	6,000
	Grand Total	Rs 87,500
	FOR TWO UNITS -	1,75,000

"Copy"

Recommended as given
29/9/48

For Chief Engineer for Roads and Buildings

BH/27th

Dnh-63-48->

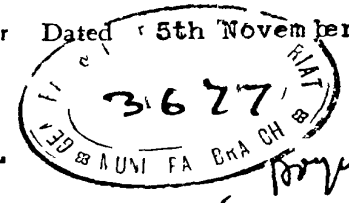
No Ele 30
Encl one file

OFFICE OF THE PRESIDENT,
TOWN MUNICIPAL COUNCIL
Harihar Dated : 5th November 1948

Dnh 63-48-16

From

THE PRESIDENT,
TOWN MUNICIPAL COUNCIL
HARIHAR



The Secretary to the Government of Mysore,
Revenue Department,
BANGALORE

Sir,

Sir

Sub - UNDERGROUND DRAINAGE SCHEME TO HARIHAR TOWN

In enclosing herewith a copy of the resolution of the Municipal Council passed at its meeting,hn the above subject, held on 30th October 1948, I have the honour to state that the Sanitary Engineer, Bureau of Sanitary Engineering Bangalore in his letter No 661/ dated the 10/11th September 1947 addressed to The Director of Public Health, Bangalore has stated that the Underground Drainage Scheme to Harihar Town, may lie over till an independent Water Supply Scheme is worked out etc

In this connection I wish to state that the Muncipal Council after considering the views of the Sanitary Engineer have resolved that the shceme may be recommended for the following reasons

1 that there is no suitable drainage existing in the town at present

2 Since the town is exterding day by day on account of its commercial and Industr al importance it is very essential to have underground drainage as early as possible to reduce the incidence of Maleria

It is stated by the Sanitary Engineer that the Muncipality should have Water Works of its own to work out per-capita distribution

The Muncipality was purchasing water from Davangere Water works up to March 1948 Since April last water is supplied from the Military Water Works stationed at Harihar The water now supplied is 80,000 gallons per day as against 60,000 gallons supplied from Davangere Muncipality The present system of supply of Water to the town is quite sufficient for drinking and underground drainage system

REGARDING EXPENDITURE FOR THE SCHEME -

The Sanitary Engineer has stated that the estimated cost of the scheme will be Rs 5 75 Lakhs The Council has resolved that the benign Government be requested to kindly sanction 3/4th amount of the estimated cost out of Town improvement fund and the rest ie , 1/4th as a loan to the Muncipality re-payable in 40 annual instalments The Council has further resolved that the income under Octroi may be set apart for this purpose

Under the above circumstances I request that the Government may kindly be moved to accord their kind sanction to the proposal of the council early

Copy of letter No 661/dated 10/11th Sept 47 cited above is herein enclosed for kind perusal

Yours faithfully,
M Mahalingappa
President

'Copy'

Mysore Public Works Department

No 661/2 Office of the Sanitary Engineer, Bureau of Sanitary Engineering, Bangalore dated 10th / 11 Sept 1948

To,

The Director of Public Health,
BANGALORE

Sir,

Sub - Undergro nd Drainage Scheme to Harihar Town

With reference to my personal discussion with you on the above subject regarding the disposal of Harihar Town Sewage from the outfalls and the feasibility of land treatment without pumping, I have the honour to state that I inspected Harihar Town in detail on 26 7 47

Harihar Town is situated on the bank of Tungabhadra River and is divided into two parts by a main ridge line running from East to West, thus necessitating a separate outfall for each portion of the town The general contour of the town is falling towards the river

To septic tank at the end of the outfall to the South of the town is located at a distance of about 300 feet from the town This position of the septic tank has become obligatory, as the town has extended upto the bank of the river This can however, be obviated by leading the sewage to the other bank of the river But even at the bank, the sewage cannot be applied on land for treatment without resorting to pumping as the land on the other bank is also sloping towards the river The cheapest and simplest method of disposal would therefore be to lead the sewage into the river But this cannot be done without prejudice to the health of the public especially because, the water supply intake (both of Davangere Water works and Harihar Military water works) is below the outfall The only other course left open is to pump the sewage to the nearest available land for treatment This involves a heavy initial and recurring expenditure as detailed later

The other septic tank at the Northern outfall is locatef far away from the town and is also for below and away from the water supply intake of Davangere and Harihar water Works, I have ascertained that there are no villages lower down on the bank of the river for a distance of about 10 mile from the outfall Hence, there is no chance of the river water being used in this distance I fell therefore that the sewage from this outfall may be let into the river after septic tank treatment and Chlorination This is suggested in view of the heavy cost involved in pumping Even at this end the feasibility of land treatment was investigated The nearest available land is about 3,000 feet from the septic tank, and pumping will have to be resorted to Taking the sewage to the opposite bank also does not solve the problem as the land slopes towards the river ~~itself~~ itself

If pumping the sewage is decided upon, the capital cost would be 1 75 lakhs as already intimated and the recurring charges for maintaining the installations will be Rs 15,000/- per annum as per enclosed details Thus the total cost of the underground drainage scheme to Harihar town will be 5.75 lakhs with an annual recurring expenditure of Rs 15,000/-

I am however, of the opinion, that an underground drainage shceme to Harihar town at such a heavy cost need not be taken up in the immediate future for the following reasons -

1) The first and the foremost pre-requisite of an efficient Underground drainage scheme is profuse water supply, Harihar town which has a pupulation of about 15,000 does not have an independent water works to the extent of about 60 000 gallons per day which works out to about 4 gallons per capita per day This supply will have to increased to at least 15 to 20 gallons per capits per day before an underground drinage scheme can be thought of Hence an

p t o

an independent water supply scheme to the town has to be ~~immediately~~ immediately thought of

2 If an underground drinage scheme is worked out, full advantage of the scheme should be taken by connection every house to the underground drainage system In the case of Harihar town, this cannot be done as the town is very ill laid out In most of the localities, the houses are in a block, back to back and shoulder to shoulder, Secondly, the majority of the houses are built of mud walls with thatched or country tailed roofind and do not have latrines It is therefore, very unlikely these houses take advantage of the underground drainage scheme

3 Although, the question of cost does not come in when the health of the public is taken into consideration, the financial position of the Muncipality has to be considered while taking this costly scheme The Harihar Muncipality could not finance a surface drainage scheme at a cost of Rs 22,700/- and they seem to ow nearly Rs 15,000/- to the Davangere Muncipality for water supplies to them by the latter The Muncipality has to find resources for taking up the water supply scheme which is most important

4 Lastly, even if the underground drainage scheme is work out, the Muncipality will find it practically impossible to maintain two independent pumping installations for pumping the sewage for land treatment

Under these circumstances, I once again recommend that the under ground drainage scheme to Harihar town may le over, until, atleast the layout of the town is improved and independent water supply scheme worked out with a per capita distribution of atleast 15 to 20 gallons per head

On receipt of your considered opinion in this connection I will forward the scheme sent back by you duly ~~xxxxxxxxxxxxxxxxxx~~ incorporating the pumping arrangements also if necessary

I have etc ,
sd/- K S Krishnaswamy,
Sanitary Engineer,

No 342/dated 11 9 47
Copy of the above is submitted to the Chief Engineer for Roads and Buildings with reference to correspondence ending with his No 2826 dated 6-9-47 Under the circumstances explained, the Government may kindly be a dressed to defer the question of under ground drainage scheme of Harihar town for the present

sd/- K S Krishnaswamy,
Sanitary Engineer,

No 254/dated 11 9 47
Copy forwarded with compliments to the Deputy Commissioner, Chitaldrug District, Chitaldrug for information

sd/- K S Krishnaswamy,
Sanitary Engineer,

No A6 G R 2959/47-8 Office of the Deputy Commissioner, Chitaldrug Dt ,
Chitaldrug Dated, 27th September 1947

M E M O

Copy of the above and copies of the two enclosures are forwarded to the President, Town Muncipal Council, Harihar, for information

sd/- V HANUMANTHAPPA,
for Deputy Commissioner,
Chitaldrug District

Underground Drainage Scheme to Harihar Town
Cost of pumping sewage from the outfalls to the lands

1	Sump pit of 50 000 gallons capacity	15,000
2	Length of rising main 3000 R Ft use 8 C I main at Rs 8/- R Ft	24,000
3	Two 20 H P pumping units each capable of discharging 200 gallons perminute against a total head of 100 feet from all causes (12 hours pumping)	20,000
4	Pump house 25 x 18 for installing pumping sets	5,000
5	Small balancing tank of 40,000 gallons capacity for distribution of sewage effluent	5,500
6	Distribution pipes 6" S W pits 2000 R ft	6,000
7	Acquisition of land 30 acres at Rs 200/- per acre (alternate days 15 acres to be fed)	6,000
		81,600
	Electrical connections	6,000
	Grand total	87,500
	For two units -	1,75,000

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Sd/- V Hanumanthappa,
for Deputy Commissioner,
Chitaldrug District,

'Copy'
M Mahalingappa
Pres. Secy
Harihar Town Mutty

Maintainence Charges for each Installation

Establishement --

One operator	Rs 60-5-90 15 D A	900
One Asst Operator	Rs 24-4/2-40 15 D A	540
Two helpers	Rs 20-5-25 18 D A	768
One watchmant	Rs 12 12 D A	288
		2496
Leave and acting allowance at 20%		498
/of Total/establishement		2994

Running charges - H P Hrs

$$\frac{(20 \times 75 \times 12 \times 30 \times 6)}{16}$$

power 210 per onth for 12 months	2,520
Sundry materials like water, grease spare to machine	1,086
12½% tools and plant charges	815
	7,315

For two installations Rs 14,630 or Rs 15,000/-

"COPY"

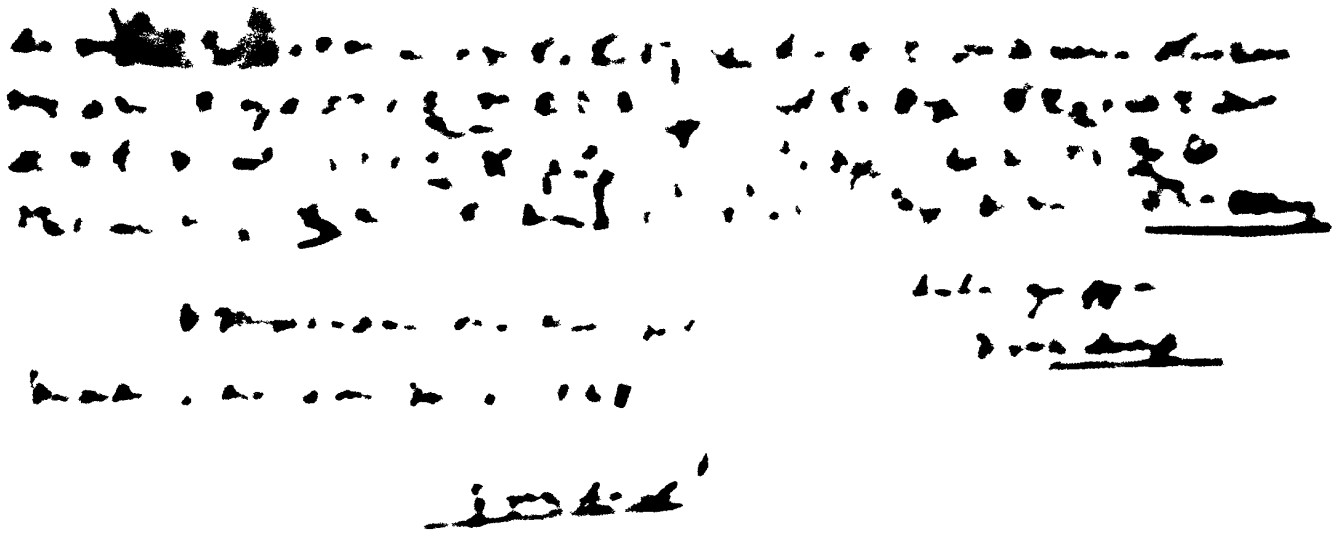
Sd/- V HANUMANTHAPPA
for Deputy Commissioner,
Chitaldrug Dist

proceedings of the Managing Committee meeting held on the 29th October 1948

President Sri M Mahalingappa

Subject No I ಈ ಪಟ್ಟಣದಲ್ಲಿ ಸ್ಥಾಪಿಸಲ್ಪಟ್ಟಿರುವ ಶ್ರೀ ಗಂ. ಮಹಾಲಿಂಗಪ್ಪನವರ ಪ್ರತಿಮೆಯ ಅನಾವರಣ ಕಾರ್ಯವನ್ನು ಕೈಗೊಳ್ಳುವ ವಿಷಯ

Resolution - ಶ್ರೀ ಮಹಾಲಿಂಗಪ್ಪನವರ ಪ್ರತಿಮೆಯ ಅನಾವರಣ ಕಾರ್ಯವನ್ನು ಮಾನ್ಯ Santhanam Engineer ರವರು ಮಾಡಿದ್ದು 11-9-47ನೆ ಸಂಖ್ಯೆಯ ಆಜ್ಞಾಪತ್ರದಲ್ಲಿ ಸೂಚಿಸಿರುವಂತೆ ಪ್ರತಿಮೆಯ ಅನಾವರಣ ಕಾರ್ಯವನ್ನು ಮಾಡಿಸಿದ್ದಲ್ಲಿ ಅದಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟ ಖರ್ಚುವೆಚ್ಚಗಳನ್ನು ಮಾಡಲು ಸಂಘದ ಕಾರ್ಯನಿರ್ವಾಹಕ ಸಮಿತಿಯು ತೀರ್ಮಾನಿಸಿದೆ. ಈ ಸಮಾರಂಭವನ್ನು ಏರ್ಪಡಿಸಲು ಸಂಘದ ಕಾರ್ಯನಿರ್ವಾಹಕ ಸಮಿತಿಯ ಸದಸ್ಯರುಗಳಾದ ಶ್ರೀಯುತರುಗಳಾದ ಎಂ. ಮಹಾಲಿಂಗಪ್ಪ, ಎಂ. ಸಿದ್ದಪ್ಪ, ಎಂ. ಸಿದ್ದಲಿಂಗಪ್ಪ, ಎಂ. ಸಿದ್ದಯ್ಯ



No L 6744 dt 20-12-48

To

The C.E for R and B

Subj: underground drainage
Scheme for Harihar Town.

Sir,

With reference to your letter No S 5764 dated 26-3-48 on the above subject, I am directed to state that a final reply on the subject as stated by you in your above letter has not been sent the ~~Question~~ question is pending for a long time and

the Harihar Municipality is pressing
for the sanction of the Scheme
early. In the circumstances, I am to request the
Staff may be made
Let very early report is requested

Yours faithfully
for
Joint Secretary
Asst.
13/2

(2)

5184/44
17/1

No 1104/5
Encls

Office of the Chief Engineer for Roads
Buildings in Mysore, Bangalore,
Dated 12 1 1949

15

To

The Secretary to Government,
Revenue Department,
Bangalore

Sir,

Re the Underground Drainage Scheme for
Harihar Town
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1) With reference to your reminder No L 5922 dated the 1st December 1948, regarding the above, I herein enclose the copy of letter No C 138/48-49 dated 12 11 48 addressed to the Sanitary Engineer, Bangalore, by the Director of Public Health in Mysore, Bangalore, furnishing his opinion that it is necessary to improve the water supply to the town, before taking up the underground drainage scheme

2) I request that final orde s of Government may kindly be communicated in the matter very early

Yours faithfully,

CHIEF ENGINEER FOR ROADS AND BUILDINGS

BRS Row ,12 1 49

Letter No C 138-27/48-49 dated 13 11 48 from the Director of Public Health in Mysore, Bangalore, to the Sanitary Engineer, Bangalore
--
Re Underground drainage Scheme to Harihar Town
--

3) I discussed the question with you on the 8th Nov 1948, In this connection, I understand that further improvements have been suggested to the Water Supply of the Town of Harihar by taking over the Military Water Supply equipment

4) The quantity of water that is now being supplied is about 80,000 gallons, giving a per capita of about 5½ gallons This quantity is absolutely inadequate for any underground drainage scheme to function satisfactorily The quantity of water will have to be raised at least 20 to 30 gallons per capita I learn that the improvements in the distribution ~~per capita~~ of water supply has been suggested This will

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This will have to be taken up before the underground drainage question is taken up

5 After this is done, certain points arise re the disposal of sewage There are to outfalls recommended, one of which happens to be above the drainking water intakes for Davangere and Harihar Towns For obvious reasons, this outfall cannot be allowed and pumping will have to be resorted to in order to take away the sewage running towards this outfall to some point below the water intakes

6 The second outfall also is close to the river and this cannot be avoided on account of the slopes in the Town It has been suggested that after treatment the sewage will be chlorinated and allowed to go into the river, especially as there is no chance of the water being used for drinking purposes by people as there are no villages for about ten miles down the river In this connection it must be remembered that one cannot be sure of the efficacy or fool proofness of an artificial measure at all times unless expensive schemes are drawn up with special provision to meet an, emergency Land treatment is safest and pumping will have to be resorted to even at the 2nd outfall if this treatment is to be provided for

7 The initial and recurring expenditure for pumping sewage will be very heavy and it is a point to consider whether a small Municipality like Harihar with its limited resources will be able to bear this expenditure It is not likely that it can

8 It therefore looks to me that the water supply scheme may be improved first of all and the disposal of night soil taken up at a later date

The file of papers in this connection is herewith returned

"Copy"

A.N. Lakshmana Rao
13-1-43

CHIEF ENGINEER FOR ROADS & BUILDINGS

BRS Row ,12 1

To, L-9638- d 18-2-49
The Pdl Town Mt Council
re circle
MH·63-48-17 / Harihar
Subject - underground drainage
Scheme for Harihar Town

Sir,

With reference to your letter No H e 30/48-49 dated 5-11-48 on the above subject, I am directed to state that the provision of an underground drainage system ~~for~~ is Town would be a costly ~~one and~~ scheme burdening the Mlty ~~is~~ will not also be in a position to finance any portion of the expenditure in the present financial condition ~~of the Council~~

Govt. are of the opinion, therefore direct that the proposal may be defer for the present and left the up when the finances of Municipality improve. In the meanwhile the Municipality may be advised to collect the arrears of taxes and to build up sinking fund suitable reserve for meeting such items of expe for Levy by Govt.

1) Copy forwarded w/c to the Pr for info with ref to his letter no 11044/S, dated 15-1-49

2) Copy forwarded w/c to the Pr for info with ref to his letter no 1---/S, dated 18-2-49

L-9639-60

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

No L9638 General and Revenue Secretariat

Dated Bangalore 18-2-1949

FROM

The Secretary to the Government of His Highness the Maharaja of Mysore

General Department

To

The President,
Town Municipal Council,
Harihar

SUBJECT Underground drainage scheme for Harihar

Sir,

With reference to your letter No H C 30/48-49 dated 5th November 1948 on the above subject, I am directed to state that the provision of an underground drainage system for this town will be a costly business and the Municipality is not also in a position to finance any portion of the expenditure in its present financial condition Government are therefore of the opinion that the proposal may be deferred for the present and taken up when the finances of the Municipality improve In the meanwhile the Municipal Council may be advised to ~~build up~~ collect the arrears of taxes and to build up a suitable reserve of money for meeting such items of expenditure

Yours faithfully,

Sd/- Mir Safdar Hussain,
Secretary to Government,
General Department

Memo No L9639-40 18-2-49

Copy of the above is forwarded, with compliments, to the

By Order,

for Secretary to Government,
General Department